

Converting Colors

XYZ(32.2040, 36.1102, 32.9800)

Have a look what the booklet for
XYZ(32.2040, 36.1102, 32.9800)
contains.

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Color

**XYZ(32.2291, 36.2490,
32.9019)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA693
RGB	154, 166, 147
RGB Percent	60%, 65%, 58%
CMY	0.3961, 0.3490, 0.4235
CMYK	0.07, 0.00, 0.11, 0.35
HSL	98°, 10%, 61%
HSV	98°, 11%, 65%
XYZ	32.2291, 36.2490, 32.9019
YIQ	160.2460, -1.0530, -8.4530

Conversions

Conversions Part 2

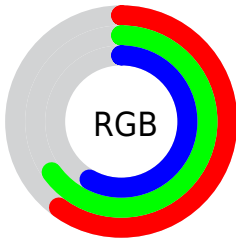
Format	Color
RYB	147, 166, 159
Decimal	10135187
CIELab	66.71, -7.84, 8.39
CIELCh	67, 11.488, 133.062
Yxy	36.2490, 0.3179, 0.3576
Android (android.graphics.Color)	4288325267 (0xFF9AA693)
YUV	160.2460, -6.5303, -5.4777
Hunter-Lab	60.2071, -9.8108, 9.7443

Details

The XYZ color **32.2291, 36.2490, 32.9019** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6161, 30.9925, 40.3940**, and the grayscale version is **33.5574, 35.3050, 38.4472**.

A 20% lighter version of the original color is **62.4115, 69.3398, 65.3528**, and **13.7222, 15.7627, 13.3856** is the 20% darker color. If you saturate the color by 10%, you get **29.1103, 34.7821, 26.4398**, and if you desaturate by 10%, it is **35.7123, 37.8842, 40.3638**.

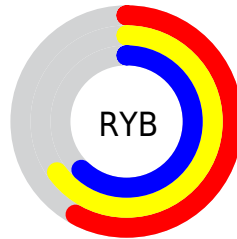
Distribution



Red (60%)

Green (65%)

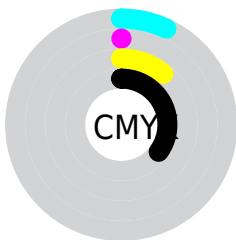
Blue (58%)



Red (58%)

Yellow (65%)

Blue (62%)

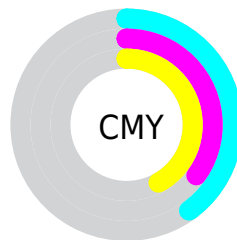


Cyan (7%)

Magenta (0%)

Yellow (11%)

Black (35%)



Cyan (40%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2291, 36.2490, 32.9019 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.2291, 36.2490, 32.9019 by changing the saturation by 10% instead.


 32.2291, 36.2490,
32.9019


 32.2291, 36.2490,
32.9019


303.8883,
330.0476, 329.8259

 21.6929, 24.6266,
21.7808


 62.5328, 69.4162,
65.3366

 13.7468, 15.7991,
13.4992


 83.0311, 91.7298,
87.4873

 8.0253, 9.3821,
7.6384


107.5809,
118.3759, 114.1515

 4.1631, 4.9912,
3.7800

136.5474,
149.7388, 145.7480

 1.7948, 2.2421,
1.5055

170.2960,
186.2031, 182.6951

 0.5145, 0.7428,
0.2220

209.1922,

 0.0000, 0.0000,

228.1530, 225.4114

0.0000

253.6011,
275.9731, 274.3155

■ 32.2291, 36.2490,
32.9019

■ 32.2291, 36.2490,
32.9019

■ 29.1103, 34.7821,
26.4398

■ 35.7123, 37.8842,
40.3638

■ 26.3404, 33.4732,
20.9328

■ 39.5687, 39.6881,
48.8631

■ 23.9072, 32.3180,
16.3362

■ 43.8105, 41.6673,
58.4383

■ 21.7967, 31.3105,
12.6009

■ 48.4486, 43.8266,
69.1251

■ 19.9935, 30.4439,
9.6729

■ 53.4931, 46.1705,
80.9577

■ 18.4811, 29.7109,
7.4924

■ 58.9542, 48.7034,
93.9688

■ 17.2409, 29.1035,
5.9913

■ 63.4918, 50.8898,
101.0841

■ 16.2517, 28.6125,
5.0888

■ 66.9084, 52.6512,
101.2440

■ 15.5705, 28.2706,
4.6361

■ 70.5301, 54.5182,
101.4135

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.7063, 36.2490, 30.8871



32.2291, 36.2490, 32.9019



31.3646, 36.2490, 36.7547

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.2291, 36.2490, 32.9019



33.4923, 36.2490, 49.3153



37.8010, 36.2490, 37.3522

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.2291, 36.2490, 32.9019



31.6161, 30.9925, 40.3940

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.7390, 36.2490, 42.3138



32.2291, 36.2490, 32.9019



35.2118, 36.2490, 49.5093

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.2291, 36.2490, 32.9019



32.0770, 36.2490, 46.3468



36.7781, 36.2490, 46.8565



36.9448, 36.2490, 33.3077

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.2291, 36.2490, 32.9019



31.2335, 36.2490, 39.9807



36.7781, 36.2490, 46.8565



37.8877, 36.2490, 38.9617

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.2301, 36.2506, 32.9027



63.7492, 68.2552, 70.9492



33.3432, 34.9139, 32.5860



14.1506, 15.2202, 15.6278



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.2301, 36.2506, 32.9027



56.8334, 65.0085, 56.2329



31.1120, 35.6539, 33.7674



7.6880, 8.5373, 8.0319



12.1214, 21.9460, 3.5971



0.3513, 0.5630, 0.0902

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.6161, 30.9925, 40.3940



55.4713, 53.3461, 72.8485



32.8422, 31.6479, 39.3988



7.5700, 7.5264, 9.4721



9.8943, 4.4841, 28.3195



0.2942, 0.1366, 0.6915

Previews

White Background



This preview shows how the XYZ color 32.2291, 36.2490, 32.9019 looks on a white background.

Color Contrast Check

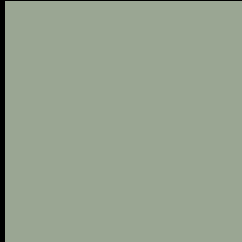
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.2291, 36.2490, 32.9019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

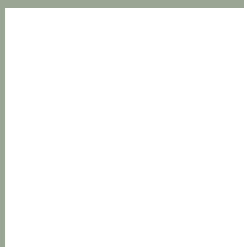
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2291, 36.2490, 32.9019

Background



This preview shows how black text looks on a background with the XYZ color 32.2291, 36.2490, 32.9019.



This preview shows how white text looks on a background with the XYZ color 32.2291, 36.2490,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.2291, 36.2490, 32.9019

Protanopia

34.3934, 36.3200, 31.9858

Deuteranopia

36.8417, 36.0141, 33.4434



Tritanopia

34.7587, 36.2049, 45.7137

Trichromacy



Original Color

32.2291, 36.2490, 32.9019

Protanomaly

33.5953, 36.1622, 32.4035

Deuteranomaly

34.9294, 36.0504, 33.1344

Tritanomaly

33.7934, 36.0791, 40.7802

Monochromacy



Original Color

32.2291, 36.2490, 32.9019

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9373, 35.4763, 36.1220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2291, 36.2490, 32.9019 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 166, 147)` looks like.

```
.text, #text, p{  
    color:rgb(154, 166, 147)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 166, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.2291, 36.2490, 32.9019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 166, 147) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 166, 147) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(154, 166,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2291, 36.2490, 32.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 166, 147) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
166, 147) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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